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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Haaland *et al.* Group: 2863  
Serial No.: 10/661,968 Paper No.:  
Filed: 09/11/2003 Examiner: John H. Le  
For: Augmented Classical Least Squares Multivariate Spectral Analysis

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

Sir:

Applicants have carefully reviewed the Office Action mailed 6/30/04, submit the following in complete response thereto, and request reconsideration of the claims presented.

**AMENDMENTS TO THE CLAIMS** begin on page 2 of this paper.

**REMARKS**

The Office indicated that Claims 39-86 are allowed. The Office repeated and made final the restriction requirement with regards to nonelected Claims 25-38. Accordingly, Applicants have canceled Claims 25-38.